ABSTRACT:

The optical component comprises a first element (1) having a light-emission surface (2) and a second element (3) having a light-entrance surface (4), a bonding layer (5) interconnecting the elements (1, 3) being provided between said surfaces (2, 4). The bonding layer (5) is an optically transparent layer of paraffin, which efficiently couples light from the first element (1) into the second element (3) and carefully positions said elements (1, 3) with respect to each other. In the method of manufacturing the optical component, the first element (1) and the second element (3) are fitted together by joining the surfaces (2, 4) so as to form a capillary space (7), which capillary space (7) is filled by making it suck up liquid paraffin, the paraffin is allowed to cool and solidified in order to form an optically transparent bonding layer (5) of paraffin in the capillary space (7).

Fig. 1c